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(54) Title: A COMMUNICATIONS SYSTEM
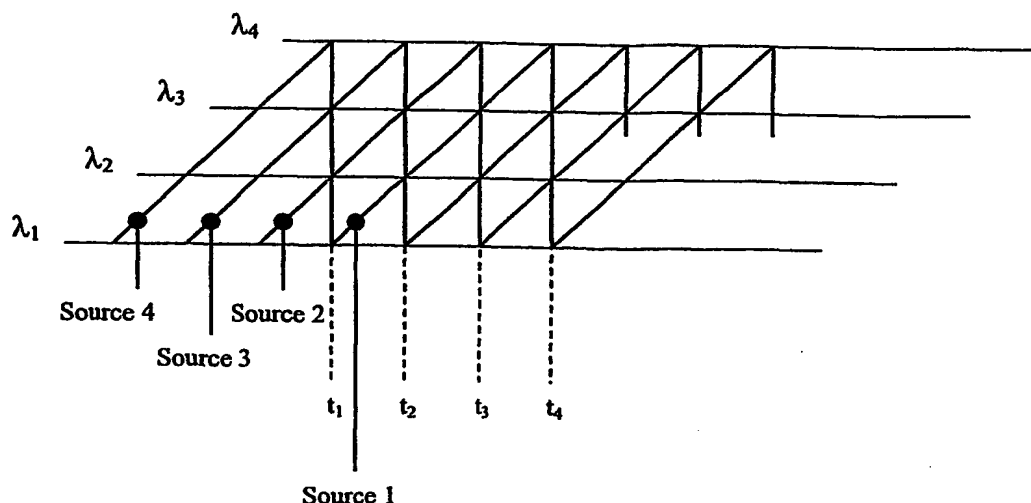
(57) Abstract: In a telecommunication system, channels of information are modulated onto respective carriers (Sources 1, 2, 3, 4) that are swept repeatedly across a frequency range in a time-staggered fashion so that, at any one time (t_1, t_2, t_3 or t_4), each carrier is at a different frequency (λ_1, λ_2, λ_3 λ_4). The carriers are multiplexed onto a single communications link and separated, on reception, by filters swept in synchronism so as to de-multiplex the signals.

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